

## PLUMBERS INSTALLATION INSTRUCTIONS

### Important Information

- \* **Brazed connections should NOT be made directly onto the mixer, as excessive heat will cause permanent damage.**
- \* **All pipework must be thoroughly flushed prior to installation.**

### Installation (Fig.1 & Fig.2):-

- 1) Attach mixer body (15) onto a suitable mounting plate or noggin in the wall and secure using screws (not supplied) through the holes in its base. When facing the mixer, the connections should be as follows:-  
Hot water inlet connection 'HOT', to the left.  
Cold water inlet connection 'COLD', to the right.  
Mixed water outlet connection to bath, vertically downwards. Blank off top port using plug (16).  
Mixed water outlet connection to shower, vertically upwards. Blank off bottom port using plug (16).  
Check all connections for leaks.

### Important :

- \* Mixer body (15) must be installed square to the wall/tile face, to ensure cover plate (11) sits flush.
- 2) Carefully prise the black plastic fixing plate (13) from the chrome plated cover plate (11). Fit foam seal (14) into fixing plate (13), as shown (Fig.2). Fit the fixing plate (13) over the chrome sleeve (6) of mixer body (15) (Fig.1), ensuring the screw holes in the fixing plate (13) align with the mating threaded holes in the lugs of mixer body (15). Assemble screws (12) through the holes in the fixing plate (13) then screw into threaded holes in mixer body (15). Tighten each screw (12) equally until the fixing plate (13) abuts the wall/tile face and the foam seal (14) is fully compressed. **Note:** Foam seal (14) will accommodate most wall surfaces, however for extremely uneven walls use silicon sealant to achieve a watertight seal.
  - 3) Ensure the 'O' ring is in position in the groove of fixing plate (13) and the body seal (10) is fitted to the cover plate (11), then carefully slide the cover plate (11) onto the chrome sleeve (6) of mixer body (15) taking care not to damage the decorative finish. Push the cover plate over the 'O' Ring of fixing plate (13) until the cover plate abuts the wall/tile face.
  - 4) Locate and hold the handle (4) onto the cartridge (9), then tighten grub screw (3) using 2.5mm allen key (2). Fit plug (1), taking care that the red indication is to the left.
  - 5) Turn on hot and cold water supplies and check operation

### Replacing Cartridge (Fig.2)

- 1) Turn off hot and cold water supplies.
- 2) Carefully remove plug (1) before using a 2.5mm allen key (2) to loosen grub screw (3) and remove handle (4). By using the spanner (5) provided, unscrew the sleeve (6) taking care not to damage the decorative finish. Remove the old cartridge (9).
- 3) Ensure inside face of mixer body (15) is clean. Check that seal is in position in base of new cartridge (9). Fit new cartridge (9) into mixer body (15), taking care that two lugs on base of cartridge (9) fit into mating holes in mixer body (15).
- 4) Fit the threaded sleeve (6) over the cartridge (9), then screw and tighten firmly using spanner (5) to ensure a watertight connection between the cartridge (9) and the mixer body (15).
- 5) Locate and hold the handle (4) onto the cartridge (9), then tighten grub screw (3). Replace plug (1), taking care that the red indication is to the left.
- 6) Turn on water supplies and check operation.

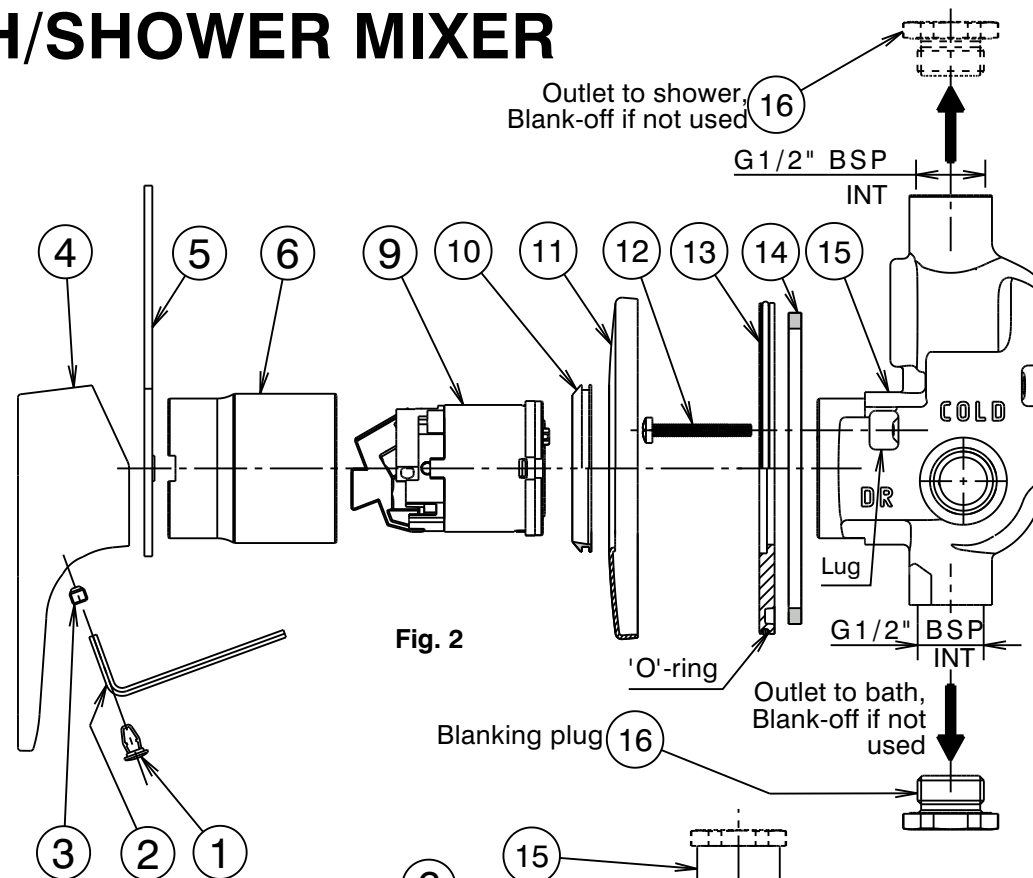


Fig. 2

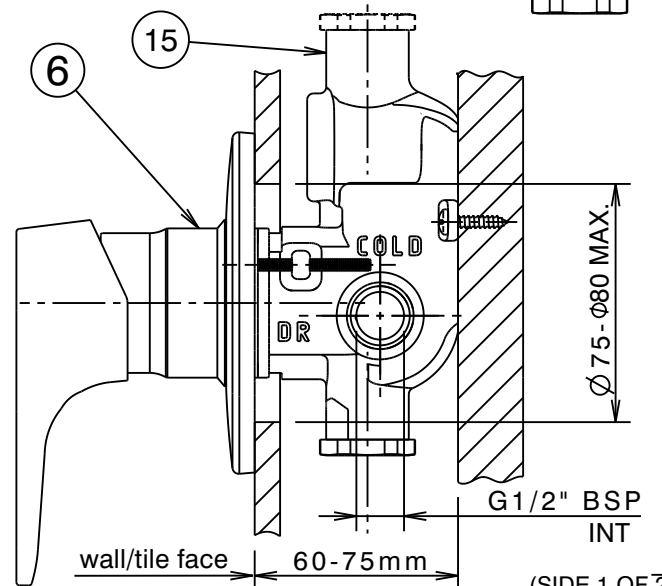


Fig. 1

### **IMPORTANT**

#### **Pressure & Temperature Requirements.**

- Hot and cold water inlet pressures should be equal.
- Static inlet pressure range : 150 -1000 kPa  
New Regulation : -500 kPa maximum static pressure at any outlet within a building. (Ref. AS/NZS 3500.1)
- Maximum hot water temperature : 80°C.

#### **Installation Requirements.**

- The installing plumber is responsible for waterproofing all penetrations for Taps in Shower areas at installation by a proprietary flange system or a sealant. (Ref AS3740)

## PLUMBERS ADJUSTMENT INSTRUCTIONS

### Adjusting the TEMPERATURE LIMITING STOP (Fig.2)

The cartridge fitted in this mixer has been factory pre-set to deliver the maximum available hot water temperature. To use the Temperature Limit feature adjust the cartridge as follows:-

Carefully remove plug (1) before using a 2.5mm allen key (2) to loosen grub screw (3) and remove handle (4). (See details on side 1 of this sheet.)

To remove the Hot Limit Stop segment (7) from the cartridge (9), use a flat bladed screwdriver and carefully lever the segment in an upwards direction.

Rotate the segment (7) in a clockwise direction to reduce the maximum hot water temperature then refit the segment (7) onto the cartridge (9).

**Note:-** Start by rotating the segment (7) in small increments, then check the hot water temperature with the mixer handle in the fully open maximum hot water position. The segment (7) can be removed & repositioned until the desired maximum hot water temperature is achieved.

Ensure the segment (7) is pushed fully down onto the cartridge (9). Locate and hold the handle (4) onto the cartridge (9), then tighten grub screw (3). Replace plug (1), taking care that the red indication is to the left.

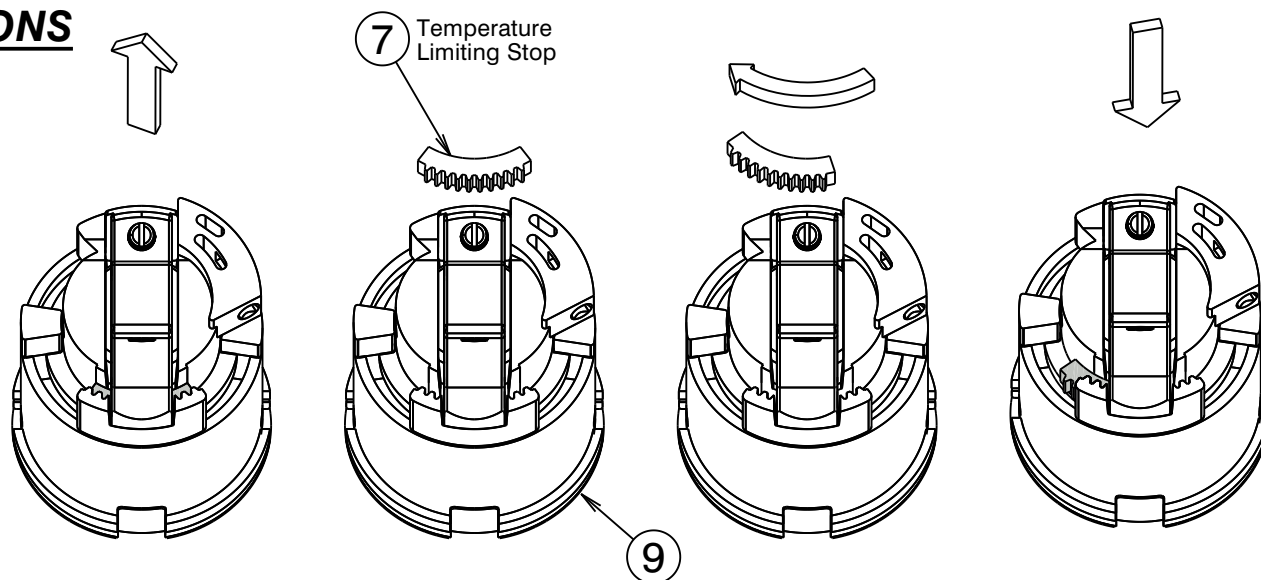


Fig. 2

### Adjusting the WATER SAVING SCREW (Fig.3)

The cartridge fitted in this mixer has been factory pre-set to deliver the maximum flow of water when the mixer handle is in the fully open position, however, the cartridge is also fitted with a water saving feature. If this feature is enabled, when the handle lever is released from its maximum flow position it will automatically return to a pre-set reduced flow position. This water saving feature can be enabled by adjusting the cartridge as follows:-

Carefully remove plug (1) before using a 2.5mm allen key (2) to loosen grub screw (3) and remove handle (4). (See details on side 1 of this sheet.)

Using a small thin flat bladed screwdriver, adjust screw (8) in a clockwise direction to reduce the flow when the handle lever is released. To return to the factory pre-set maximum flow position, adjust the screw (8) anti-clockwise until the water saving feature is disabled.

**Note:-** Start by rotating the Screw (8) in small amounts then check the flow of water with the handle lever in the fully open released position. Readjust the screw until the desired water flow is achieved.

Locate and hold the handle (4) onto the cartridge (9), then tighten grub screw (3). Replace plug (1), taking care that the red indication is to the left.

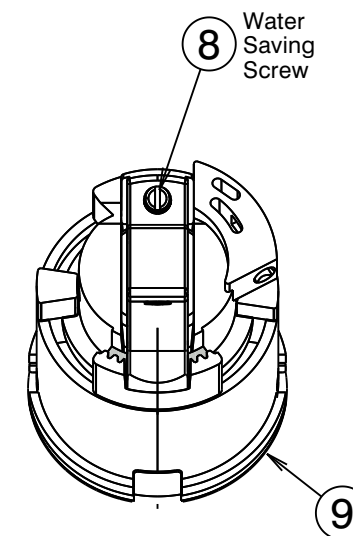


Fig. 3